

## Licensing Areas For the Occupational Specialist Teacher

### AGRICULTURE - 500

<b>REQUIRED OCCUPATIONAL BACKGROUND</b>	<b>D0E STATE-APPROVED COURSE TITLE</b>	<b>OCCUPATIONAL SPECIALIST LICENSE TITLE</b>
Agricultural Supply and Services, Agricultural Management	Agribusiness Management	Any OS in Agriculture
Agricultural Mechanics	Agricultural Mechanization	Agricultural Mechanics
Agricultural Production, Animal Science	Animal Science	Animal Science
Farm Management	Farm Management	Any OS in Agriculture
Agricultural Supply and Services	Food Science	Any OS in Agriculture
Horticulture Science	Horticultural Science	Ornamental Horticulture
Horticulture Science, Landscape Management	Landscape Management	Any OS in Agriculture
Forestry, Agricultural Resources	Natural Resource Management	Natural Resources
Agricultural Production, Plant and Soil Science	Plant and Soil Science	Plant and Soil Science

### BUSINESS SERVICES AND TECHNOLOGY - 700

<b>REQUIRED OCCUPATIONAL BACKGROUND</b>	<b>D0E STATE-APPROVED COURSE TITLE</b>	<b>OCCUPATIONAL SPECIALIST LICENSE TITLE</b>
Business Administration/ Management, General; Accounting	Business Management and Finance	Business: Business Management & Finance
Investment, Finance, Accounting	Finance Academy	Accounting and Finance
Includes implementing computer systems and software, providing technical assistance, and managing information systems.	Information Technology: Information Support and Services	Bus IT: Information Support and Services

Focuses on the design, development, implementation, and maintenance of computer systems and software, requiring knowledge of computer operating systems, programming languages, and software development.	Information Technology: Programming and Software Development	Bus IT: Programming and Software Development
Focuses on network analysis, planning, and implementation; includes design, installation, maintenance, and management of network systems. (Cisco; Microsoft; Novell; Distance Communications Systems; or Voice, Text and Data Communication, etc)	Information Technology: Network Systems	Bus IT: Network Systems
Focuses on creating, designing, and producing interactive multimedia products and services; web data base management; includes development of digitally-generated or computer-enhanced media used in business, training, entertainment, communications, and marketing.	Information Technology: Interactive Media	Bus IT: Interactive Media

**FAMILY AND CONSUMER SCIENCES OCCUPATIONAL - 650**

<b>REQUIRED OCCUPATIONAL BACKGROUND</b>	<b>D0E STATE-APPROVED COURSE TITLE</b>	<b>OCCUPATIONAL SPECIALIST LICENSE TITLE</b>
Institutional Food Workers, Managers, or Supervisors Culinary Arts and Related Services	Culinary Arts Careers I, II, III	Food Production and Management
Institutional Food Workers, Managers, or Supervisors Culinary Arts and Related Services	Culinary Arts Foundations I, II, III	Food Production and Management
Clothing/Apparel/Fashion/Textiles Management, Production, Promotion, and Services	Fashion & Textiles Careers I, II, III	Apparel and Textile Occupations
Hotel Managers or Supervisors, Restaurant Management and Related Services	Hotel Academy I, II, III	Hotel and Lodging
Interior Design, Housing Design	Housing & Interior Design Careers I, II	Home Furnishings, Equipment and Services
Residential and Institutional Facilities Management or Supervision (Custodial, Housekeeping, Home Services)	Residential & Commercial Facilities Management Careers I, II	Residential and Institutional Facilities Management

**HEALTH OCCUPATIONS - 600**

<b>REQUIRED OCCUPATIONAL BACKGROUND</b>	<b>D0E STATE-APPROVED COURSE TITLE</b>	<b>OCCUPATIONAL SPECIALIST LICENSE TITLE</b>
Pharmacy Physical Therapist Physical Therapist Registered Nurse Certified Athletic Trainer	Anatomy & Physiology	Health Careers

Dental Assisting Dental Laboratory Assisting	Dental Assisting I, II, III, IV Introduction to Dental Health Careers	Dental Careers
Medical Assistant Pharmacy Physical Therapist Registered Nurse Surgical Technician	Health Career Practicum	Health Careers
Pharmacy Physical Therapist Registered Nurse Surgical Technician	Health Careers I, II, & III	Health Careers
Pharmacy Physical Therapist Registered Nurse Surgical Technician	Integrated Health Sciences I & II	Health Careers
Community Health, Gerontology, Physical Therapist Registered Nurse	Introduction to Community Health Services	Health Careers
First Responders	Introduction to Emergency Medical Services	First Responder
Pharmacy Physical Therapist Registered Nurse Surgical Technician	Introduction to Health Care Specialties	Health Careers
Pharmacy Physical Therapist Registered Nurse Surgical Technician Certified Athletic Trainer	Introduction to Health Care Systems	Health Careers
Health Care Technology Physical Therapist Registered Nurse	Introduction to Health Care Technology	Health Careers
Medical Assistant Registered Nurse	Introduction to Medical Assisting	Health Careers
Pharmacy	Introduction to Pharmacy	Pharmacy
Physical Therapist Certified Athletic Trainer	Introduction to Physical Therapy	Physical Therapy
Pharmacy Physical Therapist Registered Nurse Surgical Technician Certified Athletic Trainer	Medical Terminology	Health Careers

**MARKETING - 550**

<b>REQUIRED OCCUPATIONAL BACKGROUND</b>	<b>D0E STATE-APPROVED COURSE TITLE</b>	<b>OCCUPATIONAL SPECIALIST LICENSE TITLE</b>
Fashion Merchandising	Fashion Merchandising	Marketing: Fashion Merchandising
Entrepreneurship/Business Management	Entrepreneurship Academy	Marketing: Entrepreneurship/Business Management
Hospitality/Recreation Marketing Operations Lodging and/or Hospitality Management (Hospitality, Travel or Tourism)	Hospitality, Travel and Tourism	Marketing: Hospitality, Travel and Tourism
Hospitality/Recreation Marketing Operations, Other (Sports, Recreation, Entertainment)	Sports, Recreation and Entertainment Marketing	Marketing: Sports, Recreation and Entertainment Marketing
Radio/Television Broadcasting or Telecommunications	Radio/TV Broadcasting/Telecommunications	Radio/TV Broadcasting/Telecommunications

**TRADE AND INDUSTRIAL EDUCATION - 800**

<b>REQUIRED OCCUPATIONAL BACKGROUND</b>	<b>D0E STATE-APPROVED COURSE TITLE</b>	<b>OCCUPATIONAL SPECIALIST LICENSE TITLE</b>
Drafting, animation, computer visualization	3D Computer Animation and Visualization	Drafting
Manufacturing, Manufacturing Skills Standard Certification	Advanced Manufacturing	Manufacturing
Aerospace Engineering *PLTW training required	Aerospace Engineering Technology	Aerospace Engineering *
Aircraft Operations	Aircraft Operations	Aviation Occupations: Aircraft Operations
Small Appliance Repair	Appliance Technology	Small Appliance Repair
Collision Repairer	Automotive Collision Repair Technology	Body and Fender Repair: Collision Technology
Automotive Service	Automotive Services Technology	Automotive Mechanics
Aviation Maintenance	Aviation Maintenance Technology	Aviation Occupations: Aviation Maintenance
Aviation Ground Operations	Aviation Support Operations	Aviation Occupations: Ground Operations
Biotechnical Engineering *PLTW training required	Biotechnical Engineering	Biotechnical Engineering *
Building and Property Maintenance	Building and Property Maintenance	Building Maintenance

Business Machine Repairer	Business Machine Maintenance	Building Machine Maintenance
Carpenter, Building Trades	Building Trades Technology	Building Trades
Woodworking	Cabinet and Furniture Manufacturing	Woodworking Occupations: Millwork and Cabinet Making
Civil Architectural Engineering* PLTW training required	Civil-Architectural Engineering	Civil Architectural Engineering *
Commercial Art, Advertising Design	Commercial Art & Graphic Design	Advertising and Design
Commercial Photographer	Commercial Photography	Commercial Photography
Computer Integrated Manufacturing *PLTW training required	Computer Integrated Manufacturing	Computer Integrated Manufacturing *
Computer Electronics	Computer Network Technology	Computer Electronics
Computer Installer/Repairer, Cisco Networking A+ Certified Technician	Computer Repair & Maintenance	Computer Repair (Cisco Networking A+ Certified Technician)
Barber Cosmetologist Both need IPLA licenses	Cosmetology	Barbering Personal Services: Cosmetology
Diesel Engine Mechanic/Repairer	Diesel Service Technology	Diesel Mechanics
Digital Electronics Technology * PLTW training required	Digital Electronics Technology	Digital Electronics Technology
Drafting, Computer Aided Design	Drafting and Computer Aided Design	Computer Aided Design (CAD)
Electronics Technology	Electronics Technology	Electronics Occupations
Engineering * PLTW training required	Engineering	Engineering *
Firefighter	Fire Science	Fireman Training
Graphics and Printing Operations	Graphic Imaging Technology	Graphic and Printing Operations
Heating and Air Conditioning Technician, Mechanic or Repairer	Heating, Ventilation, Air Conditioning, and Refrigeration	Heating and Air Conditioning
Smart Home Technicians	Home Technology Integration	Home Technology Integration
Industrial Electronics Installer/Repairer	Industrial Repair and Maintenance	Industrial Electronics
Integrated Electronics Technology	Integrated Electronics Technology	Integrated Electronics Technology
Law Enforcement Officer	Law Enforcement	Law Enforcement Training
Mobile Electronics	Mobile Electronics	Mobile Electronics

Plastics Technology	Plastics Technology	Plastics Occupations
Precision Machining Machinist	Precision Machine Technology	Machine Shop
Small Engine Repair	Recreational and Portable Power Equipment	Small Engine Repair
Tractor/Trailer Operation	Tractor/Trailer Operation	Tractor/Trailer Operation
Welder	Welding Technology	Welding and Cutting
Industrial Electronics	Industrial Electronics	Industrial Electronics

There may be other programs, offered in only one or two area vocational districts, not included in this list of Occupational Specialist License Titles. In these cases, arrangements have been made between the Division of Professional Standards and the Office of Career and Technical Education in the Indiana Department of Education to add new programs to the list on an as needed basis.